Amendments to the Specification.

Please amend the paragraph spanning pages 4 and 5 as follows:

In the exemplary embodiment shown in figure 1, where the radio station comprises one antenna 1 associated with a hybrid polarizing coupler 3_1, the polarizing coupler 3_1 has its input A1 connected, via a duplexer 4_1, to a radio signal source or transmitter T1 forming part of a transmitting-receiving unit ~~TR1~~, and its input B1 connected to an input F1 of a receiver R1 forming part of said transmitting-receiving unit.

Please amend the paragraph spanning lines 22-28 of page 6 as follows:

In the embodiment shown in figure 4, the radio station comprises a single antenna 1 associated with a polarizing coupler 3_1, and two transmitting-receiving units ~~TR1, TR2~~, with a radio signal source T1, T2 and a diversity receiver R1, R2. The advantages outlined above can be fully obtained for the two transmitting-receiving units ~~TR1, TR2~~.

Please amend the paragraph spanning pages 8 and 10 as follows:

In the example shown in figure 6, the radio station comprises two antennas 1, 2 associated respectively with two polarizing couplers 3_1 and 3_2, two duplexers 4_1 and 4_2, four transmitting-receiving units ~~TR1, TR2, TR3 and TR4~~ and two division modules $5'_1$ and $5'_2$. The division modules $5'_1$ and $5'_2$ have a structure similar to that of the division modules 5_1 and 5_2 mentioned above, with the one difference that they have four outputs G'1, H'2, J'1, K'1 and G'2, H'2, J'2, K'2, respectively, instead of two outputs. Each one may, for example, consist of three "Wilkinson" couplers arranged in two steps. The inputs A1, B1 of the polarizing coupler 3_1 are connected to the radio signal sources T1, T2, respectively, while the inputs A2, B2 of the

polarizing coupler 3_2 are connected to the radio signal sources T3, T4, respectively. The duplexer 4_1 is connected between the input A1 of the polarizing coupler 3_1, the radio signal source T1 and the input I'1 of the division module $5'_1$, while the duplexer 4_2 is connected between the input B2 of the polarizing coupler 3_2, the radio signal source T4 and the input I'2 of the division module $5'_2$. The four outputs G'1, H'1, J'1, K'1 of the division module $5'_1$ are connected respectively to the inputs E4 of the receiver R4, E3 of the receiver R3, E2 of the receiver R2 and F1 of the receiver R1, while the four outputs G'2, H'2, J'2, K'2 of the division module $5'_2$ are connected respectively to the inputs E1 of the receiver R1, F2 of the receiver R2, F3 of the receiver R3 and F4 of the receiver R4. It is thus possible with this embodiment to increase even further the gain in polarizing diversity for the four receivers R1, R2, R3 and R4 compared to how it was in the embodiment shown in figure 5. It is also possible to envisage, in a similar way to that described above, obtaining a gain in directivity for this embodiment, by differently connecting the coaxial cables which connect the polarizing couplers 3_1, 3_2 to the radio signal sources T1, T3 and T3, T4, respectively.